Weather Event Simulator
Case Study

Originating Office	:	WFO New Orleans/Baton Rouge
Date of Case	:	7 July 2002
Contacts	:	Mike Koziara, (mike.koziara@noaa.gov)
Weather Event	:	Severe summer thunderstorms - wet microbursts.
Learning Objectives	:	To properly diagnose the threat of severe weather and to issue the appropriate warnings for a summer severe thunderstorm event.
Available Data	:	KLIX, all radar data; KLCH, KJAN and KPOE; lowest elevation angle data.
	:	AWIPS model guidance fields.
	:	All AWIPS satellite imagery (CONUS and smaller scales).
	:	All AWIPS point data.
	:	All AWIPS redbook graphics.
Time Period of Data	:	1200 - 2359 UTC July 7, 2002.
Type of Simulation	:	Self-guided, displaced real-time.
Completion Time	:	3.5 hours (1500 - 1830 UTC)
Additional Materials	:	Hard and electronic copies of the Simulation Guide, with a map and list of severe weather reports are provided. The electronic version will be loaded into a 2002Jul07/docs directory and can also be found in the /docs directory on the DVD-ROM.
Installation	:	Use the Case_Installer.tcl script to install the case specifying one (1) DVD-ROM, the appropriate directory (e.g., /data/awips) on the appropriate hard drive (e.g., /dev/sdb1). The case directory will be called 2002Jul07.
Special Instructions	:	This case includes localizations for WES versions 1.0, 1.1, 1.2 and 1.3. Please “cd” to the 2002Jul07/localizationDataSets subdirectory and extract (zcat | tar -xvf -) the appropriate localization for your version of the WES software.